JCO4 Rec'd PCT/PTO 04 AUG 20
PATENT

Practitioner's Docket No. 60285-USA1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inste application of: Philip A. Block, et al.

Application No.: 10/518,248

International Appl. No.: PCT/US03/20114

Oxidation of Organic Compounds

National Stage Entry: December 16, 2004 International Filing Date: June 25, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR **BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

This Information Disclosure Statement is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last 37 C.F.R. § 1.97(b), and we believe no fee is required. However, please charge any fees that may be deemed necessary to Deposit Account No. 06-1440.

Applicants are filing this Information Disclosure Statement in order to submit herein the art mentioned in the specification, the Search Reports (copies enclosed) from International Application No. PCT/US03/20114 and related International Application No. PCT/US03/20107, and any additional art of which we are aware. Copies of the Written Opinions, responses thereto, and the International Preliminary Examination Reports from International Application Nos. PCT/US03/20114 and PCT/US03/20107 are also enclosed.

Copies of the foreign patent documents and literature references listed on the attached forms PTO/SB/08a and PTO/SB/08b are enclosed. The Examiner is respectfully requested to consider the cited references, initial the forms and return copies of such. Submission of this Information Disclosure Statement is not to be construed as an admission that the cited art is material.

The Examiner is invited to contact the undersigned at the telephone number set forth below if the undersigned can be of any assistance in expediting the prosecution of this application.

Date: 8-2-05

Reg. No.: 26,065

Tel. No.: 215-299-6966

Signature of Practitioner

John M. Sheehan FMC Corporation-1735 Market Street Philadelphia, PA 19103

CERTIFICATION UNDER 37 C.F.R. 1.8(a)

I hereby certify that, on the date shown below, this correspondence (along with any referred to as being enclosed) is being deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, with sufficient postage as first class mail.

(type or print name of person certifying)

PTO/SB/08a (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

1

Complete if Known				
Application Number	10/518,248			
Filing Date	12/16/2004			
First Named Inventor	Philip A. Block			
Art Unit				
Examiner Name				
Attorney Docket Number	6020E LICA1			

			U. S. PATENT		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A 1	^{US-} 5700107	12/23/1997	Newton	
	<u>A2</u>	^{US-} 5741427	04/21/1998	Watts, et al.	
	A3	^{US-} 5877389	03/02/1999	Sorokin, et al.	
***************	A4	^{US-} 6019548	02/01/2000	Hoag, et al.	
	A5	^{US-} 6160194	12/12/2000	Pignatello	
	<u>A6</u>	^{US-} 6474908	11/05/2002	Hoag, et al.	
	<u>A7</u>	US- 6576144 US-	06/10/2003	Vineyard	
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ 'Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
***************************************	B1	WO 98/28044	***************************************	Elf Exploration Production	***************************************		
***************************************	†*******		***************************************			Г	

_		
Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (07-05)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	10/518,248	
INFO	RMATION DI	SCLO	SURE	Filing Date	12/16/2004	
STAT	EMENT BY A	APPLI	CANT	First Named Inventor	Philip A. Block	
				Art Unit		
	(Use as many sheets as	necessary)		Examiner Name		
Sheet	1 1	of	1	Attorney Docket Number	60285-USA1	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
	C1	SUN, ET AL., "Chemical Treatment of Pesticide Wastes. Evaluation of Fe(III) Chelates for Catalytic Hydrogen Peroxide Oxidation of 2,4-D at Circumneutral pH," J. Agric. Food Chem., American Chemical Society, p. 322-327, (1992).			
	C2	GLAZE, ET AL., "Chemical Models of Advanced Oxidation Processes," Water Poll. Res. J. Canada, Vol. 27 (No. 1), p. 23-42, (1992).			
	С3	MEHRVAR, ET AL., "Photocatalytic Degradation of Aqueous Organic Solvents in the Presence of Hydroxyl Radical Scavengers," International Journal of Photoenergy, p. 187-191, (2001).			
	C4	SCHUMB, ET AL., Hydrogen Peroxide, Reinhold Publishing Corporation (New York, NJ), p. 467-476, (1955).			

•••••••••••••••••••••••••••••••••••••••	••••••				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		·			
••••••					
	L	<u></u>	<u> </u>		

	 		,
ſ		ŀ	
Examiner		Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.